

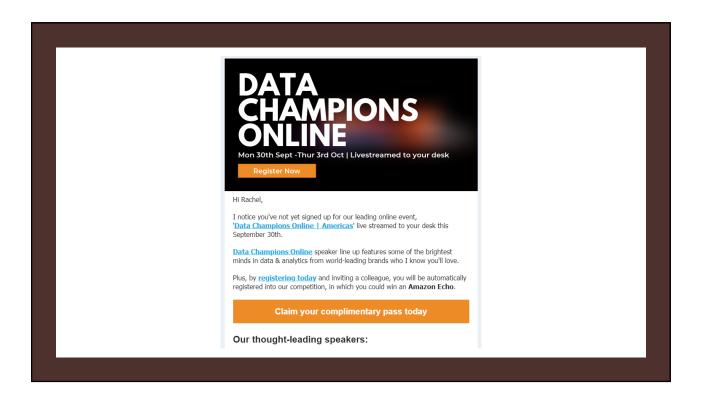
Dear Rachel,

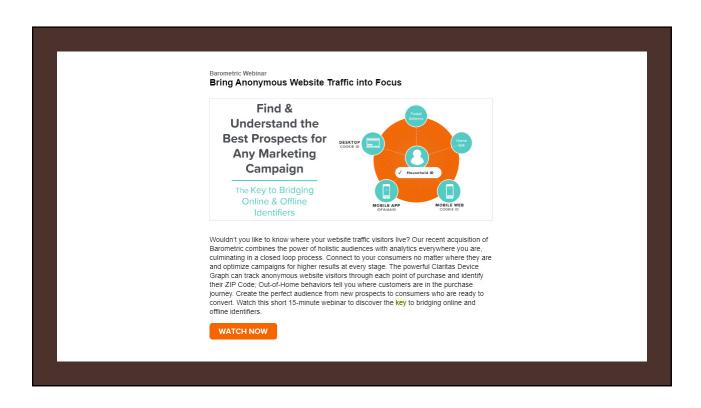
Did you know that we have available information? There's loads of it, and we bet it's something groundbreaking that you don't know.

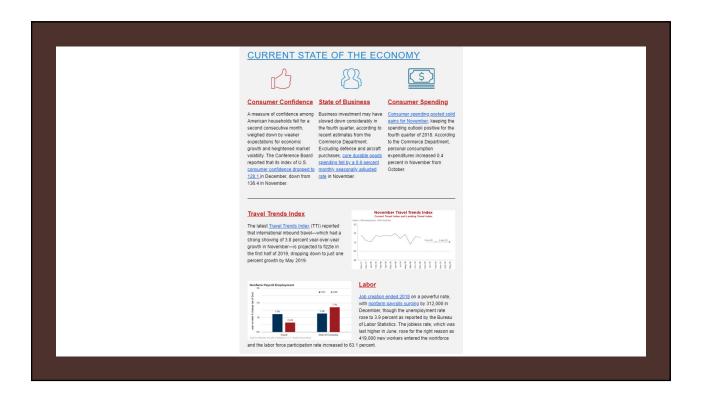
Also, we made the old information prettier and more user friendly.

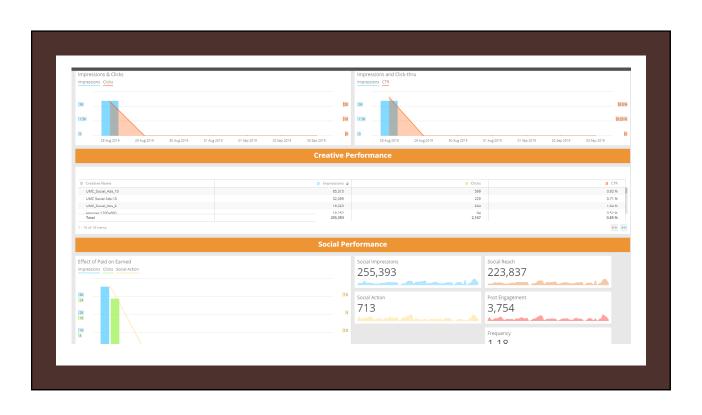
It's the most innovative out there, and everybody's using it. You had better use it too, or you'll be out of the loop.

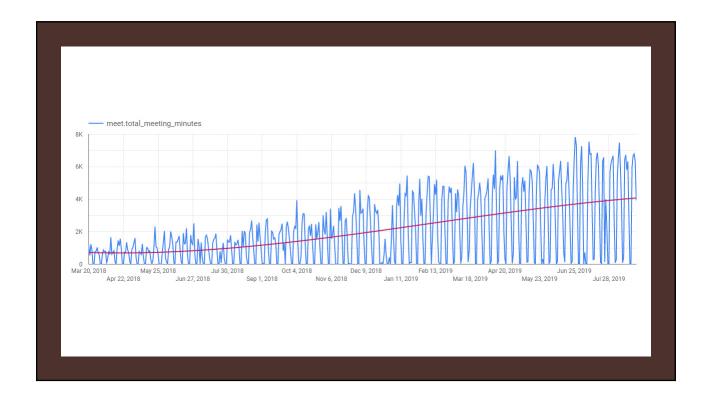
Unless you acquire it, you'll fall short of your goals. P.S. We have a conference in Silicon Valley that you can get away from work to go to...







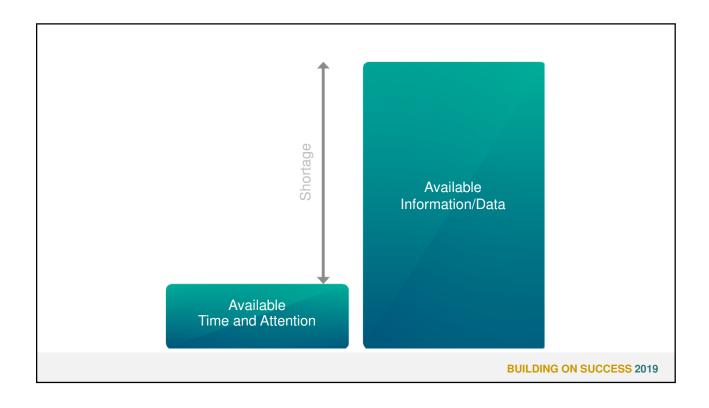




GIS
Customer Satisfaction Surveys
Compliance Rates
Demographic Information
Website Hits
Turnover Rates
Longitudinal Studies
Federal Reporting Reqs
Machine Learning
Revenue
Statistical Analysis
Evidence-Based Practices
Economic Modeling

**Customer Volume** 

Audit Findings
Personally Identifiable Information
Performance Dashboard
Predictive Analysis
Artificial Intelligence
Timeliness of Delivery
Hours Worked
Cost per
Cost avoidance
Reliability Rates
Workload Sizes
Industry Ratings, Awards
Public Opinion Poll
Third Party Evaluation



In an era of big data, less is more.

### The Seductive Seven: More Data

Illusion:

We believe that the more data we have, the more we believe we will uncover reality and

deepen our understanding.

Right Mindset:

Too much data breeds confusion. Data can be useful when you know what you are trying to answer.

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## What is your goal?

Show me how you measure me, and I'll show you how I behave. *Eli Goldratt* 

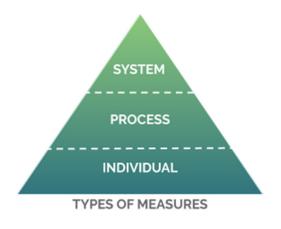
### **The Right Performance Measures**



- Align resources, actions and behaviors towards the goal
- Help us understand how the system is performing over time,
   and when intervention or change is necessary
- Tell us how we are doing today
- Identify improvement opportunities

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### **Hierarchy of Measures**



To what end do we exist? Are we achieving that goal?

Which means best achieves that goal? Is our process functioning? What should change?

How are we each contributing to the goal?

# **System Measure**



The equation  $\mathbf{Q} \times \mathbf{T} \div \mathbf{OE}$  is a universal formula to capture the performance over time of any system of work in government.

Its parts are:

T Throughput, or units of work completed (#)

Q Quality, or effectiveness of the work completed (%)

**OE** Operating Expenses, or total cost of operating the system (\$)

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### **System Measure**



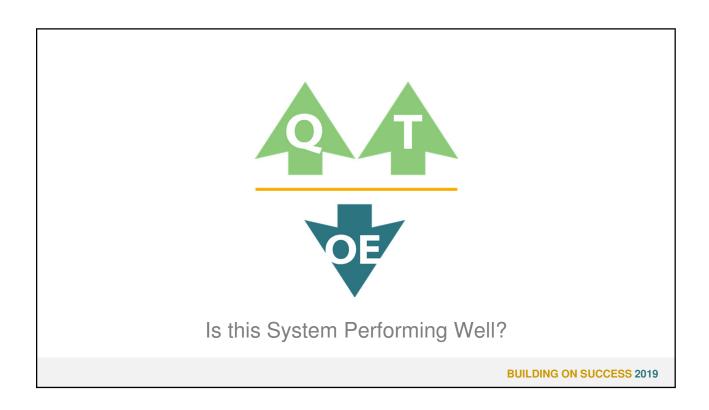
The equation  $\mathbf{Q} \times \mathbf{T} \div \mathbf{OE}$  captures the outputs a system produces today, but once only results in an almost-meaningless decimal....

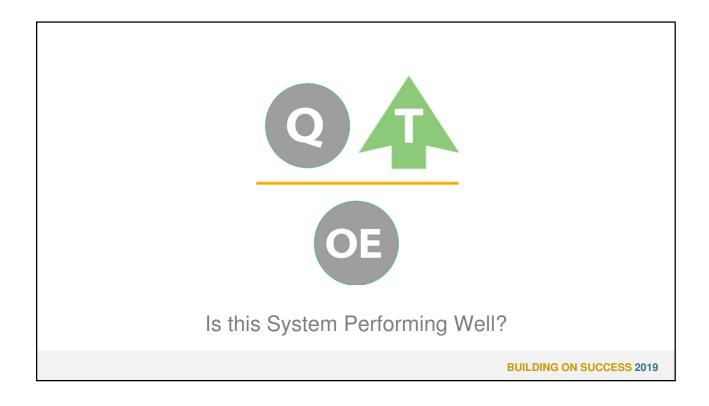
.000021658

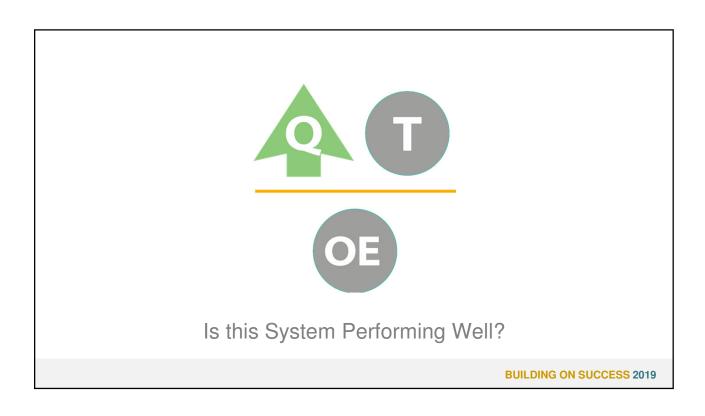
This ratio is only helpful when viewed in the context of a trend.

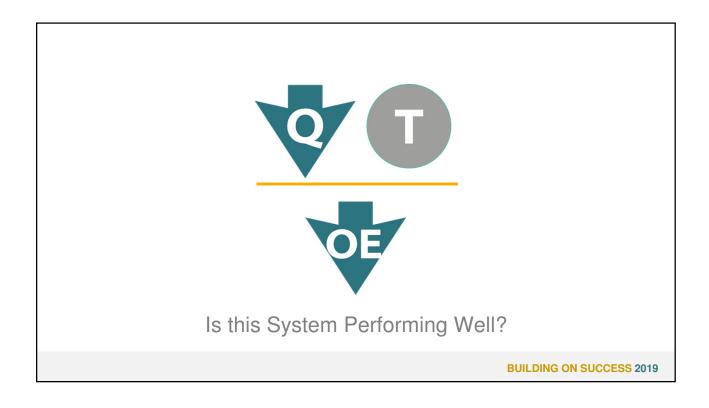
QT/OE encourages us to improve against our historic performance.

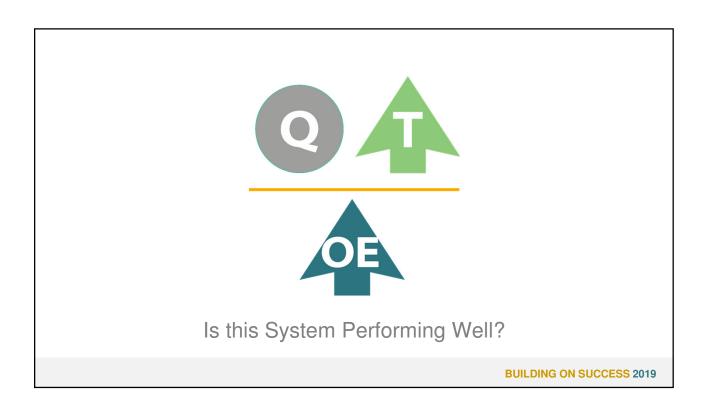
It compares ongoing performance trends to those of a baseline period. Improve the trend by influencing quality, then speed to maximize taxpayer dollars. Quality is the utmost indicator for whether a system is meeting its ultimate goal.

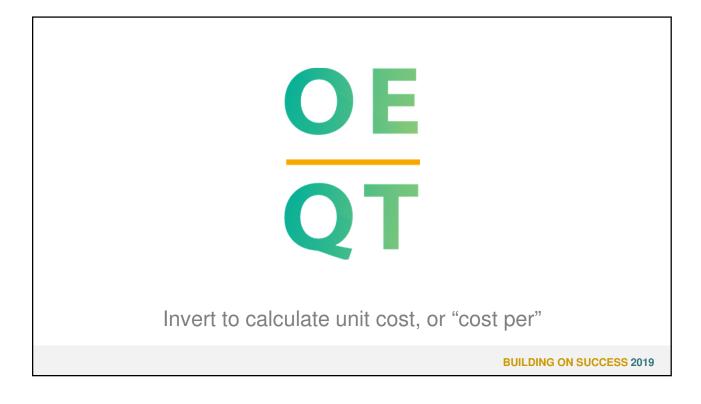


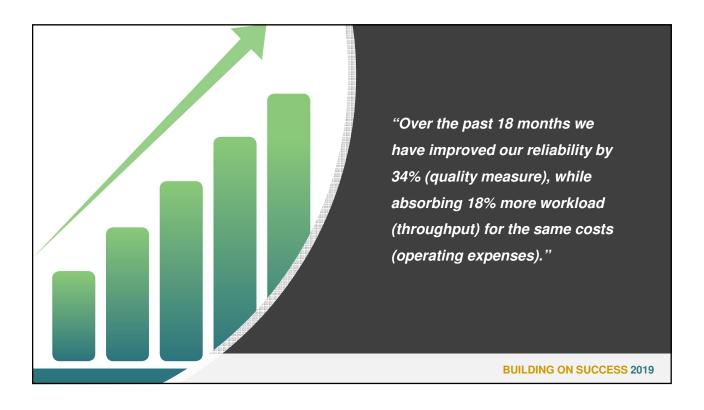




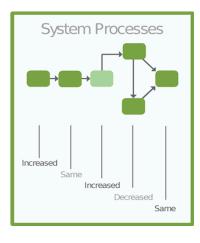








### **Process Measures**



Focus on improving process flow and quality of work

Help us know how we are doing today

Correspond to Rules of Flow:

Triage

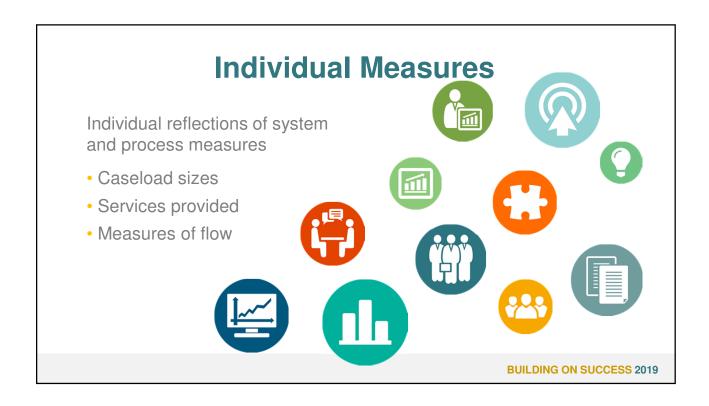
Full Kit

**WIP** 

Synchronization

Mistake Proof

Standard Work



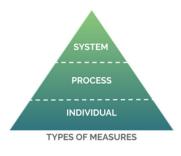
### The Division to Help Utahns

#### **System Measure:**

Throughput: # of Utahns helped monthly

Quality: % of Utahns achieved their desired outcome

Expenses: \$500,000/mo direct and overhead



#### **Process Measures:**

Time elapsed- help requested until delivery % of time spent helping vs. other activities

#### Individual Measures:

# of Utahns helped weekly,

% help delivered fully (no rework in 10 days)

### **How to Measure Quality**



Quality measures are often the most difficult to identify

For long-term quality outcomes, a leading or proximate measure is often necessary

Improving the quality portion of the ratio is almost always the focus of improvement efforts (typically we don't control system volume or demand).

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### **Types of Government Work**

















# **Types of Government Work**

Type of Work	Activities	Throughput (#)	Quality (%)
Projects	Construction, IT develop.	Projects completed	Timeliness, in-budget
People / Social Services	Case mgmt., welfare	Individuals served	Desired outcome, or proxy
Policy	Policies, rules, research	Policies recommended	Desired outcome rate
Regulatory	Inspection, enforcement	Inspections conducted	Compliance rate
Resource Management	Fleet, natural resources	Resources affected	Coverage, utilization rate
Transactional	Applications, licensing	Volume processed	Accuracy, reliability met
Inventory / Distribution	Retail, sales, warehouse	Revenue generated	Reliability standard met
Marketing / Outreach	Public health, economic	Impressions generated	Desired outcome rate

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## Developing a QT/OE for GOMB...

Brainstorm as an agency. Schedule meeting with GOMB. Meet to review / finalize ideas into the form. Gather baseline data, complete the form. GOMB reviews, enters QT/OE into portal.

Agency routinely inputs data. GOMB and agency monitor performance...

- two-way deadlines, status updates, and follow-up throughout GOMB contact: Rachel Stone, rachelstone@utah.gov



### Looking forward to working with you!

# Rachel Stone

Utah Governor's Office of Management and Budget rachelstone@utah.gov